

Title (en)  
Method and device for sealing and inflating tyres in case of breakdown as well as sealant container and adapter therefor

Title (de)  
Verfahren und Vorrichtung zum Abdichten und Aufpumpen von Reifen bei Pannen sowie Dichtmittelbehälter als auch Adapter hierfür

Title (fr)  
Méthode et dispositif pour rendre étanche et regonfler des pneus en cas de panne et récipient pour matériau d'étanchéité ainsi que l'adaptateur associé

Publication  
**EP 1419876 A3 20060614 (DE)**

Application  
**EP 03025288 A 20031106**

Priority  
DE 10253445 A 20021116

Abstract (en)  
[origin: EP1419876A2] Repair kit to seal and inflate pneumatic tire after puncture, has container for sealant to be delivered through an opening, and forced by compressed air into the tire to give inflation and sealing action. The compressed air feed is into a venturi valve fitted to the sealant outlet opening as an adaptor foot, to create an underpressure within the sealant container and draw the sealant into the air flow to the tire.

IPC 8 full level  
**B29C 73/16** (2006.01); **B60C 17/02** (2006.01); **B60S 5/04** (2006.01)

CPC (source: EP)  
**B29C 73/166** (2013.01); **B60S 5/04** (2013.01); **B29L 2030/00** (2013.01)

Citation (search report)

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- [XY] WO 0021875 A1 20000420 - DUNLOP GMBH [DE], et al
- [XY] US 5480487 A 19960102 - FIGINI ALDO [IT], et al
- [Y] DE 3803012 A1 19880901 - PRITSCHOW GERD DIPL ING [DE]
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DOCDB simple family (publication)  
**EP 1419876 A2 20040519; EP 1419876 A3 20060614; EP 1419876 B1 20080416**; AT E392304 T1 20080515; DE 10253445 A1 20040603; DE 50309618 D1 20080529; ES 2304243 T3 20081001

DOCDB simple family (application)  
**EP 03025288 A 20031106**; AT 03025288 T 20031106; DE 10253445 A 20021116; DE 50309618 T 20031106; ES 03025288 T 20031106